

Dow Corning SE 4445 CV KIT

Category : Polymer , Adhesive , Thermoset , Silicone

Material Notes:

Two-part, grey, 1:1, addition cure gel, good thermal conductivity, controlled volatility, UL V-0. Information provided by Dow Corning

Order this product through the following link:

http://www.lookpolymers.com/polymer_Dow-Corning-SE-4445-CV-KIT.php

Physical Properties	Metric	English	Comments
Specific Gravity	2.36 g/cc	2.36 g/cc	
	@Temperature 25.0 °C	@Temperature 77.0 °F	
Viscosity	14000 cP	14000 cP	dynamic

Mechanical Properties	Metric	English	Comments
Penetration P(60), 1/10 mm	57	57	

Thermal Properties	Metric	English	Comments
Thermal Conductivity	1.26 W/m-K	8.74 BTU-in/hr-ft ² -°F	
Maximum Service Temperature, Air	150 °C	302 °F	
Minimum Service Temperature, Air	-45.0 °C	-49.0 °F	
Flammability, UL94	V-0	V-0	

Electrical Properties	Metric	English	Comments
Volume Resistivity	7.00e+15 ohm-cm	7.00e+15 ohm-cm	
Dielectric Constant	6.0	6.0	
	@Frequency 1.00e+6 Hz	@Frequency 1.00e+6 Hz	
Dielectric Strength	5.00 kV/mm	127 kV/in	

Processing Properties	Metric	English	Comments
Cure Time	45.0 min	0.750 hour	
	@Temperature 125 °C	@Temperature 257 °F	
Shelf Life	6.00 Month	6.00 Month	

Descriptive Properties	Value	Comments
------------------------	-------	----------

Color Descriptive Properties	Value	Comments
Hydrophobic	yes	
Self Leveling	yes	
Water Resistant	yes	
Working Time (min)	300	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com
Email : sales@lookpolymers.com
Tel : +86 021-51131842
Mobile : +86 13061808058
Skype : lookpolymers
Address : United North Road 215,Fengxian District, Shanghai City,China